

Figure 1

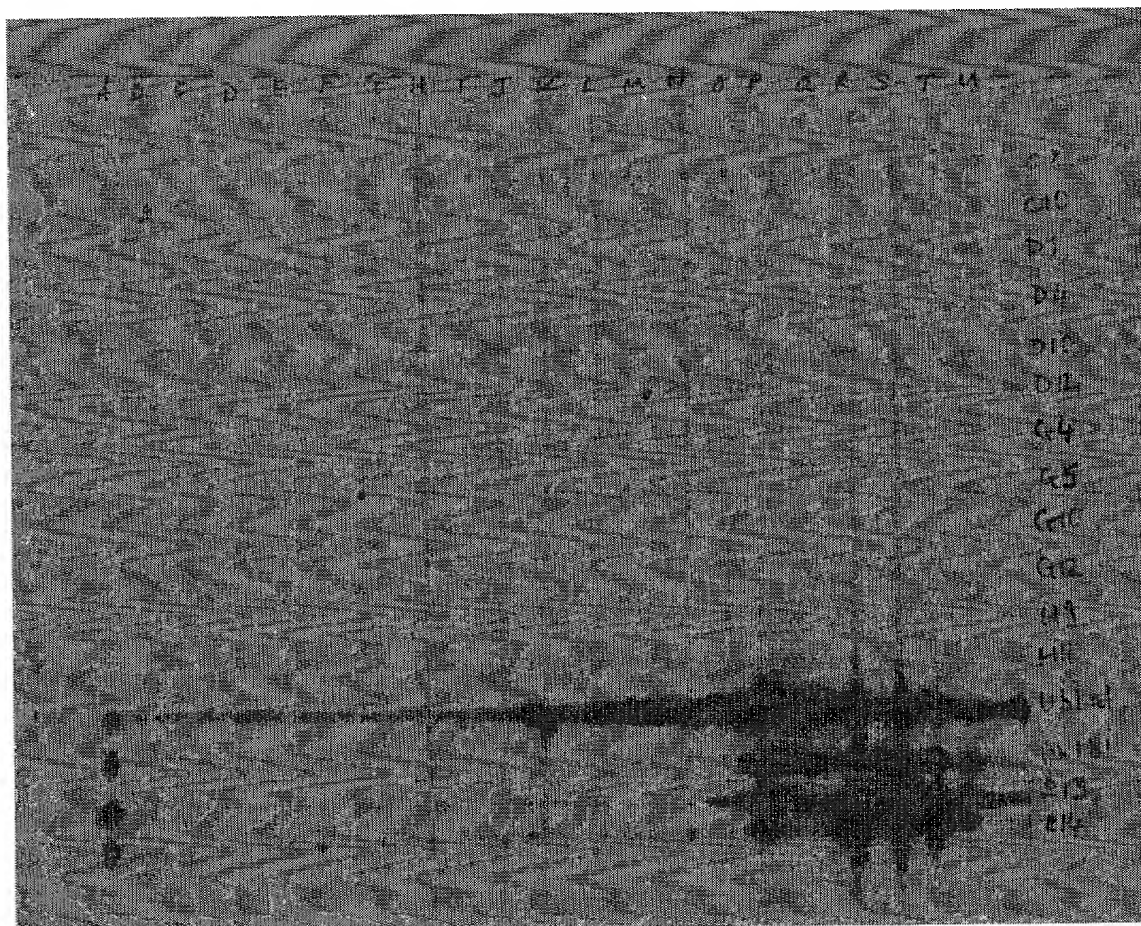


Figure 2

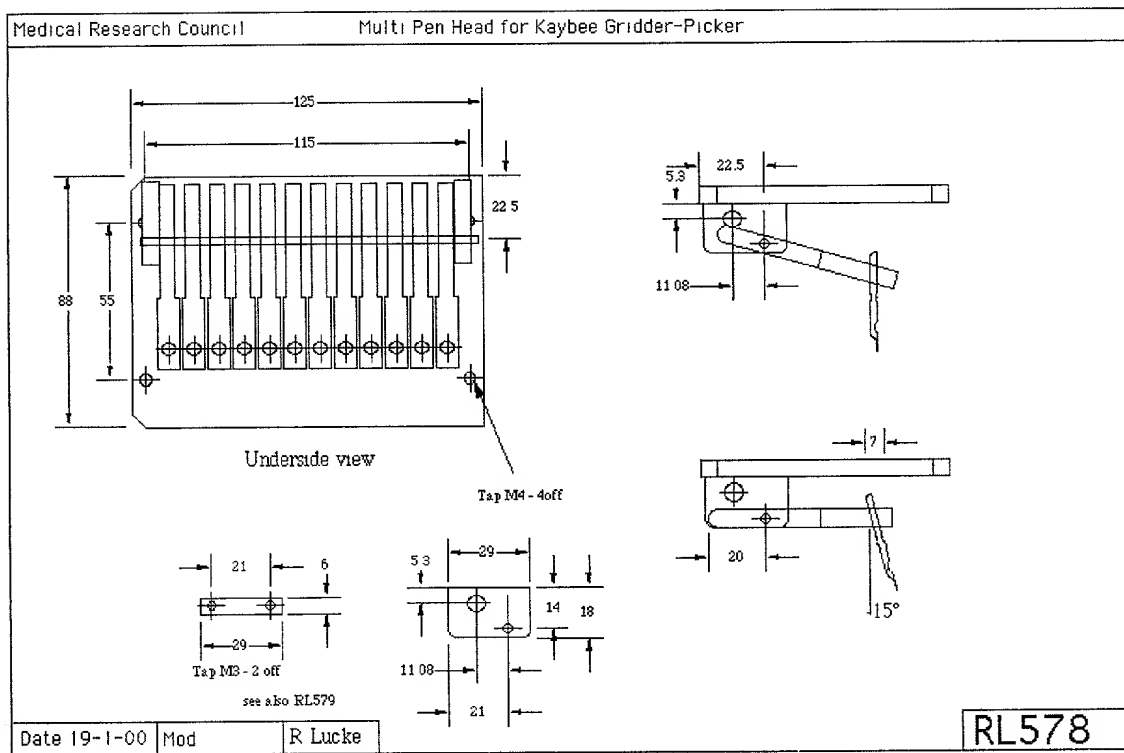


Figure 3a

5

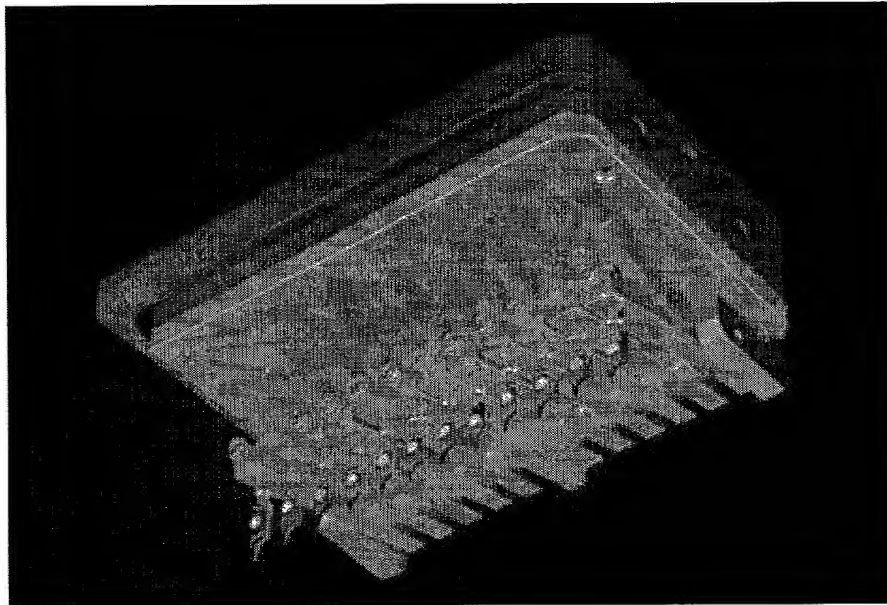


Figure 3b

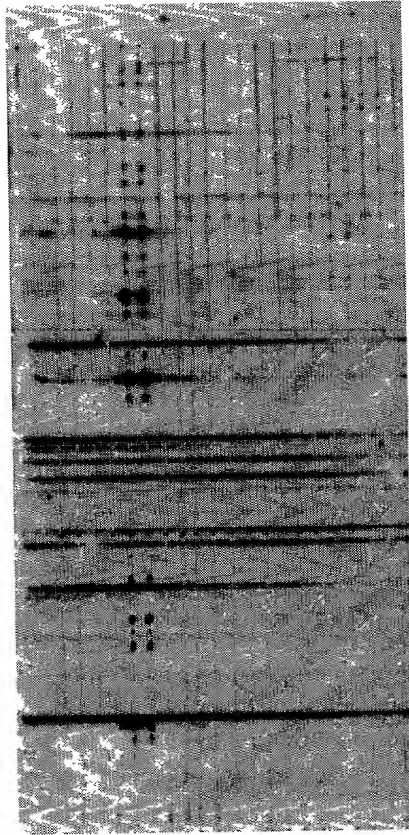


Figure 4

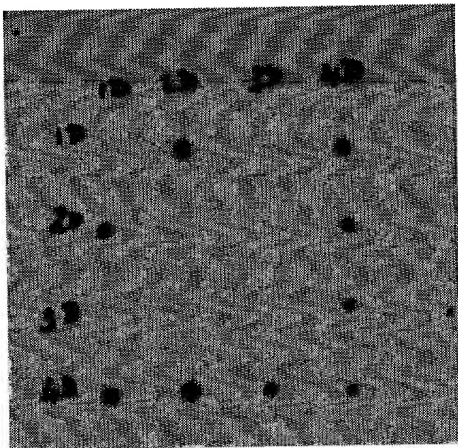


Figure 5a

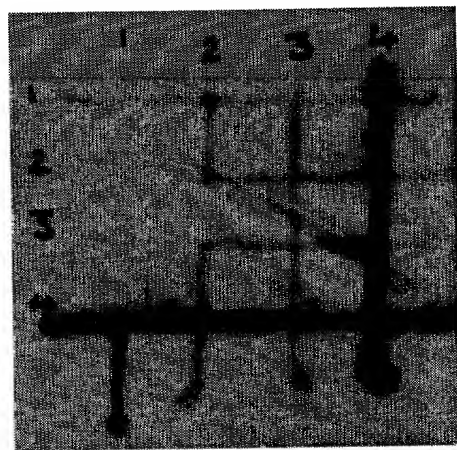


Figure 5b

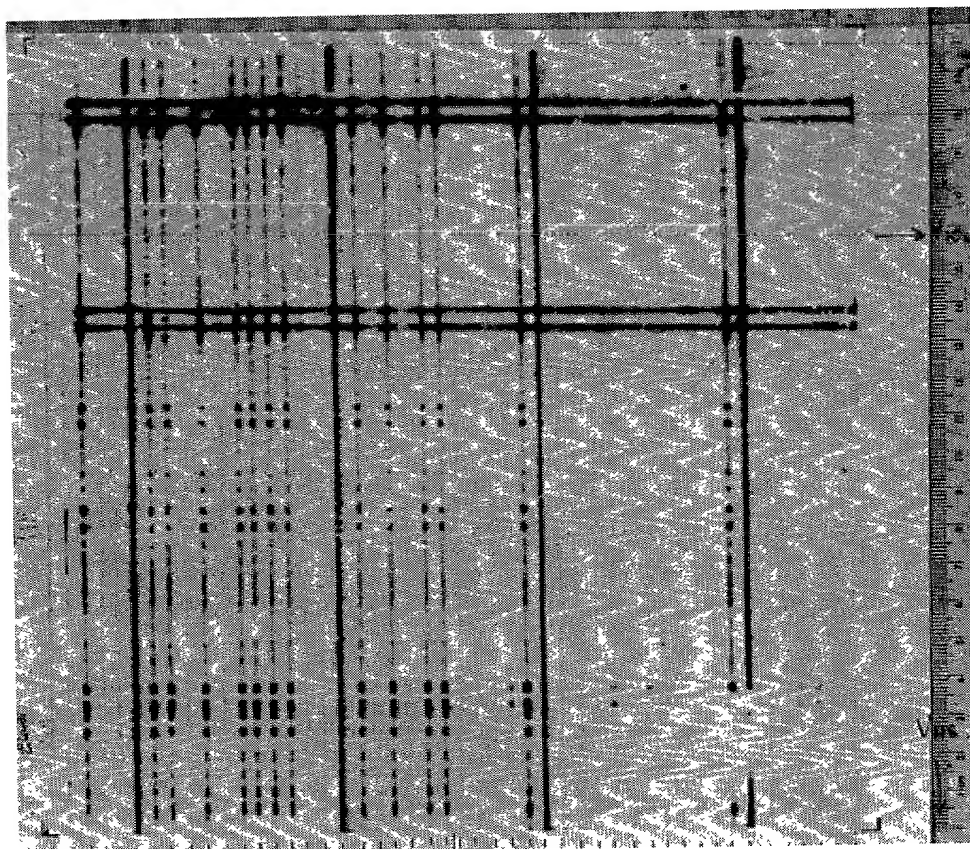


Figure 6

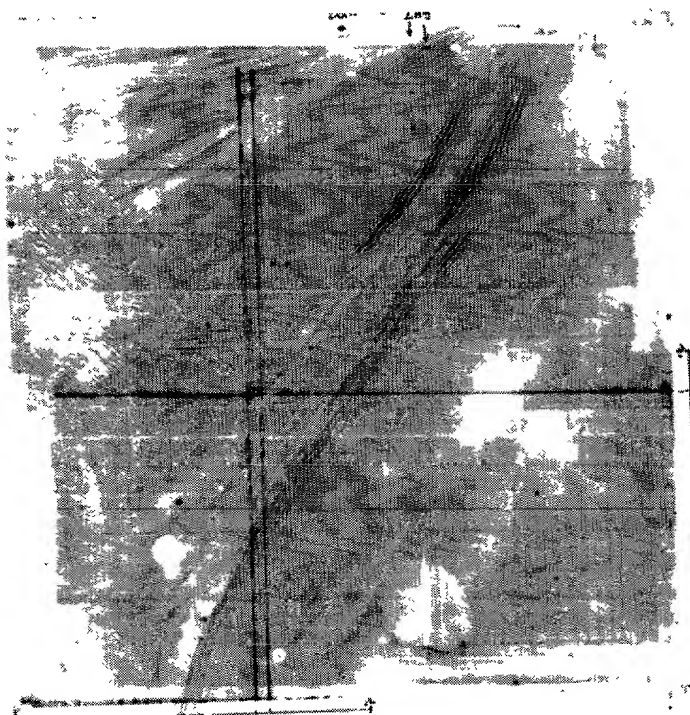


Figure 7

$\frac{1}{2} \left(\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 0 \end{pmatrix} + \frac{1}{\sqrt{2}} \begin{pmatrix} 0 & 0 \\ 0 & 1 \end{pmatrix} \right) = \frac{1}{2} \begin{pmatrix} 1 & i \\ 0 & 1 \end{pmatrix}$

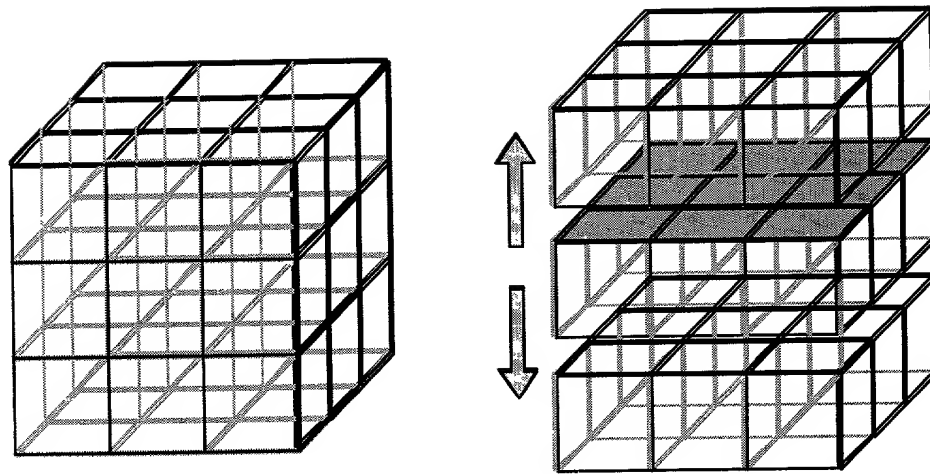


Figure 8

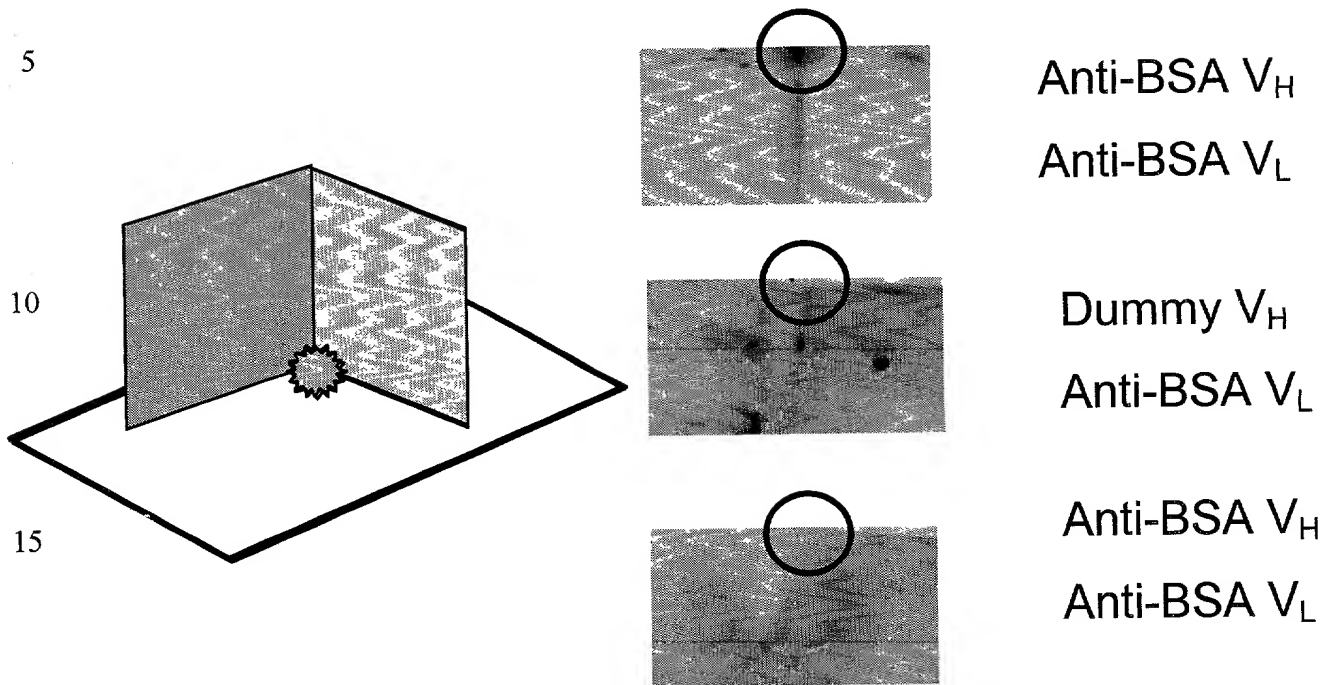


Figure 9